

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hui-Ling Lou et al. Art Unit : 2416  
Serial No. : 10/647,163 Examiner : Hanh Nguyen  
Filed : August 21, 2003 Conf. No. : 1606  
Title : LOW COMPLEXITY CHANNEL ESTIMATION FOR ORTHOGONAL  
FREQUENCY DIVISION MODULATION SYSTEMS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

POWER OF ATTORNEY BY ASSIGNEE; ELECTION OF  
ASSIGNEE TO CONDUCT PROSECUTION TO EXCLUSION OF INVENTORS;  
CERTIFICATE UNDER 37 CFR §3.73(B)

The undersigned, as authorized representative of the assignee of the entire right, title and interest in the above-identified application, hereby appoints the attorney(s) and or agent(s) associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith with full powers of substitution and revocation, said appointment to be to the exclusion of the inventor(s) and his/their attorney(s) and or agent(s) in accordance with the provisions of 37 CFR. §3.71, *et seq.* of the Patent Office Rules of Practice, and directs that all correspondence be addressed to that Customer Number:

**26200**

Under 37 CFR §3.73(b), MARVELL INTERNATIONAL LTD., a corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of:

An assignment from the inventors of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_ on \_\_\_\_\_.

A chain of title from the inventors of the patent application identified above, to the current assignee as shown below. Copies of the assignments or other documents in the chain of title are attached.

Applicant : Hui-Ling Lou et al.  
Serial No. : 10/647,163  
Filed : August 21, 2003  
Page : 2 of 2

Attorney's Docket No.: MP0284 / 13361-0048001

1. From Hui-Ling Lou and Kok-Wui Cheong to Marvell Semiconductor, Inc. recorded in the Patent and Trademark Office at Reel 014429, Frame 0930 on August 21, 2003.

2. From Marvell Semiconductor, Inc. to Marvell International Ltd. recorded in the Patent and Trademark Office at Reel 014429, Frame 0939 on August 21, 2003.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above. In addition, if Reel and Frame number(s) are not provided above, copies of the executed assignment(s) are provided herewith, and this documentary evidence of the chain of title from the original owner to the assignee was or concurrently is being submitted for recordation pursuant to 37 CFR 3.11.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

Please direct all communications regarding the application to **Customer Number 26200**.

Signature:  Date: 31 August 2009

Typed name: Carol Feathers

Title: General Manager, MIL

Assignee: Marvell International Ltd.

WEH/lyg

Fish & Richardson P.C.  
Telephone: (858) 678-5070  
Facsimile: (858) 678-5099

10940304.doc